Tuesday, 10/30/2007 2:48:56 PM Kim Johnston **Process Sheet** : FRAME WELDMENT : CU-DAR001 Dart Helicopters Services **Drawing Name** Customer NJ x Job Number : 35439 : 11202 **Estimate Number** : NA : D3330041 Part Number P.O. Number · D3330 REV C : 10/30/2007 **Drawing Number** This Issue Project Number : N/A Prsht Rev. : LARGE FAB ASSY Type **Drawing Revision** First Issue : 34177 Material Previous Run Each 11/15/2007 **Due Date** Written By Checked & Approved By : Est. New Issue KJ/JLM 05.01.13 Comment В 07.05.14 revC dwg est **Additional Product** Job Number: Description: Seq. #: Machine Or Operation: Panel 1.0 D33301 Comment: Qty.: 1.0000 Each(s)/Unit Total: 6.0000 Each(s) Panel Pick: Qty Part Number Description Batch Panel 1 D33302 2.0 1.0000 Each(s)/Unit 6.0000 Each(s) Comment: Qty.: Total: Panel Pick: Qty Part Number Description D3330-2 1 Panel 3.0 D33303 Comment: Qty.: 1.0000 Each(s)/Unit 6.0000 Each(s) Total: Panel " B35487 →2 V Pick: · Part Number Description Batch Qty D3330-3 Panel D33305 4.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 6.0000 Each(s) Rail Pick: Description Qty Part Number D3330-5 Panel

W/O:		WORK ORDER CHANGES								
DATE	STEP			PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
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NCR:			NORK OR	DER NON-CONFORMANCE (NO	CR)		
		Description of NC		Corrective Action Section B	Varification	Approval Chief Eng	
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Date: 🕜 Tuesday, 10/30/2007 2:48:56 PM Kim Johnston U@r() **Process Sheet** Drawing Name: FRAME WELDMENT Customer: CU-DAR001 Dart Helicopters Services Job Number: 35439 Part Number: D3330041 Job Number: Description: Seq. #: **Machine Or Operation:** Panel 5.0 D33307 6.0000 Each(s) Comment: Qtv.: 1.0000 Each(s)/Unit Total: Panel Pick: Part Number Description Batch Qty D3330-7 Panel 1 D33309 6.0 Comment: Qty.: 6.0000 Each(s) 1.0000 Each(s)/Unit Total: Top Plate Pick: Part Number Description Qty D3330-9 Panel 1 D333011 7.0 6.0000 Each(s) 1.0000 Each(s)/Unit Total: Comment: Qty.: Long Pin Bracket Pick: Part Number Description Qty Long Pin Bracket 1 D3330-11 D333013 8.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 6.0000 Each(s) Short Pin Bracket Pick: Qty Part Number Description Short Pin Bracket D3330-13 D333015 9.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 6.0000 Each(s) Handle Pick: N 04/11/20 Qty Part Number Description Batch B 34/98 D3330-15 Handle

W/O:		WORK ORDER CHANGES	WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
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NCR:		W	WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B		Verification	Annanal				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	tion Sign & Date		Approval Chief Eng	Approval QC Inspector			
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Tuesday, 10/30/2007 2:48:56 PM Date: User: Kim Johnston **Process Sheet** Drawing Name: FRAME WELDMENT Customer: CU-DAR001 Dart Helicopters Services Part Number: D3330041 Job Number: 35439 Job Number: Description: Seq. #: Machine Or Operation: D333017 Handle Socket 10.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 6.0000 Each(s) Handle Socket Pick: Part Number Description Qty Handle Socket D3330-17 11.0 D333019 Comment: Qty.: 6.0000 Each(s) 1.0000 Each(s)/Unit Total : Handle Rim 2 SHORT Pick: Part Number Description Batch 07/11/20 D3330-19 Handle Rim LARGE FAB 1 12.0 Comment: LARGE FABRICATION RESOURCE 1 Assemble and Weld as per Dwg Dwg D3330 using D3330-041T1 Identify as D3330-041 VISUAL WELDING INSPECTION 13.0 QC9 Comment: VISUAL WELDING INSPECTION INSPECT WORK TO CURRENT STEP 14.0 QC5 Comment: INSPECT WORK TO CURRENT STEP POWDER COATING POWDER COATING 15.0 Comment: POWDER COATING Powder Coat Fire Red (Ref: 4.3.5.10) as per QSI 005 4.3 16.0 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

W/O:		WORK ORDER CHAN	GES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		<b>Description of NC</b> Section A		Corrective Action Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector		
DATE	STEP		Initial Chief Eng	Action Description Chief Eng	Sign & Date					
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Date: User: Tuesday, 10/30/2007 2:48:57 PM

Kim Johnston

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FRAME WELDMENT

Job Number: 35439

Part Number: D3330041

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

17.0

PACKAGING 1

PACKAGING RESOURCE #1







Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

18.0

QC21



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



WJ7-12-05

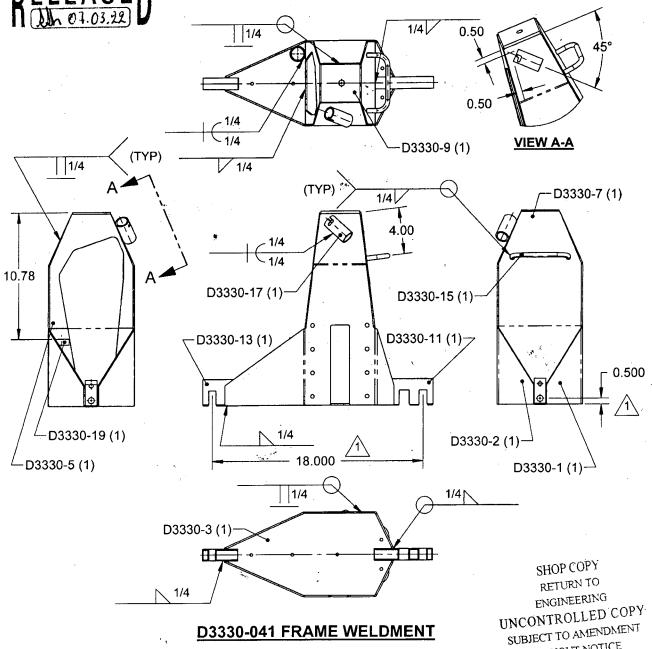
W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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Part No	·	PAR #: Fault Category: _	NC	R: Yes	No DQ	A:	_ Date: _				
				QA:	N/C Close	d:	Date: _				
NCR:		WORK ORDER NO	WORK ORDER NON-CONFORMANCE (NCR)								

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		STEP Description of NC Section A		Corrective Action Section B	····	Verification	A	Approval QC Inspector		
DATE	STEP		Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng			
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	DATE	***************************************	TITLE SCALE			
ı		07.03.20	FRAME WELDMENT 1:8			
_	REV	DATE	DESCRIPTION			
	Α	04.12.16	NEW ISSUE			
	В	05.02.26	RE-DESIGN			
	С	07.03.20	ADD 0.100 DIM; RAISED BEND OF -1/-2 BY 0.125			

RELEASED



## D3330-041 FRAME WELDMENT

WITHOUT NOTICE

**NOTES:** 

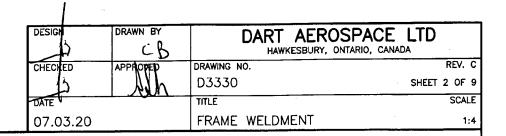
1) POSITION PARTS AS PER JIG D3330-041T1

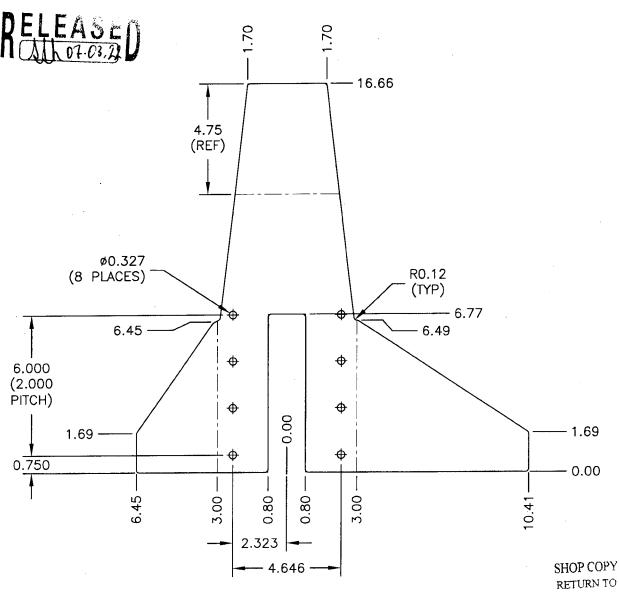
NO. = NO. =











D3330-1 PANEL

**ENGINEERING** UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

NOTES:

WORK ORDER 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21,NO 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)

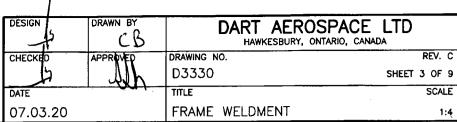
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

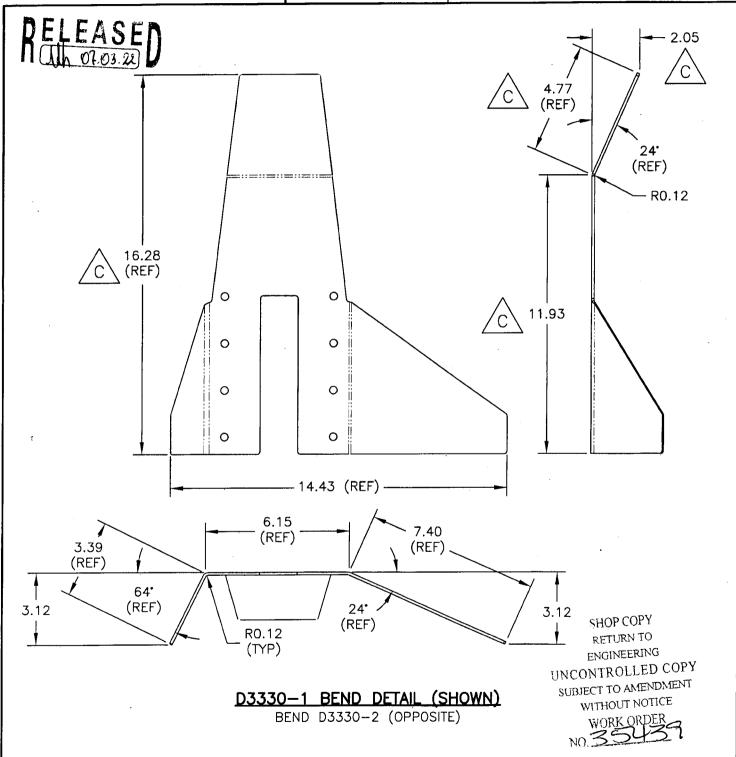
3) ALL DIMENSIONS ARE INCHES

4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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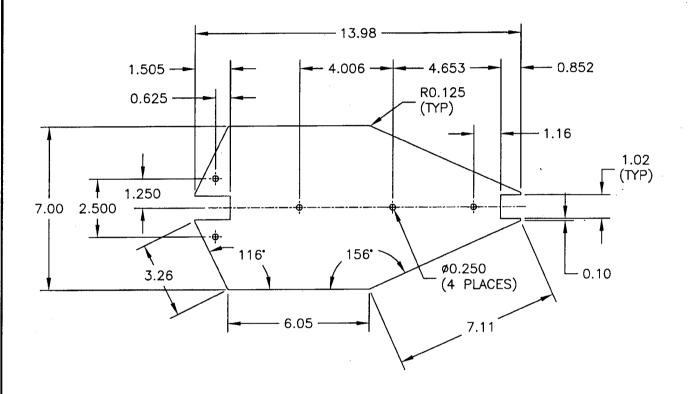








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D3330-3 PLATE

NOTES:

SHOP COPY RETURN TO **ENGINEERING** 

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK SUBJECT TO AMENDMEN

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2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

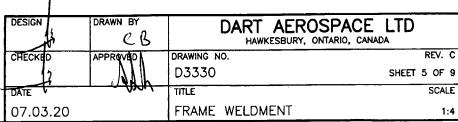
WITHOUT NOTICE

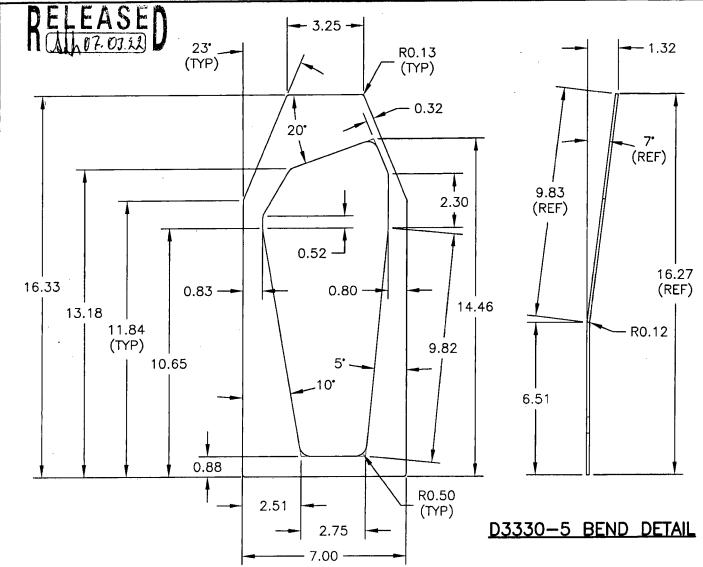
3) ALL DIMENSIONS ARE IN INCHES

4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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## FLAT PATTERN

**NOTES:** 

SHOP COPY

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21 ENGINEERING 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125NTHICK) OLLED COPY
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

SUBJECT TO AMENDMENT

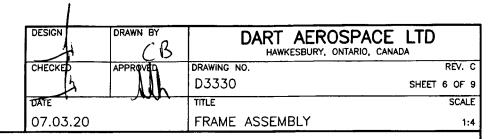
3) ALL DIMENSIONS ARE IN INCHES

WITHOUT NOTICE

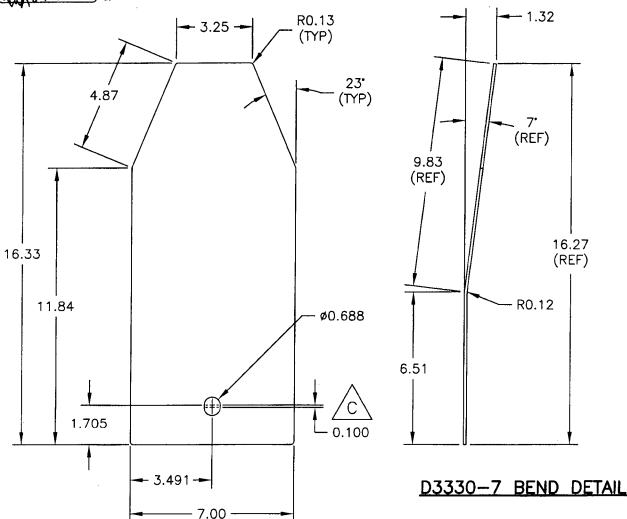
4) BREAK ALL SHARP EDGES 0.005 TO 0.010

NO..









## FLAT PATTERN

NOTES:

SHOP COPY RETURN TO ENGINEERING

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-24 TROLLED COPY 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK) AMENDMENT
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

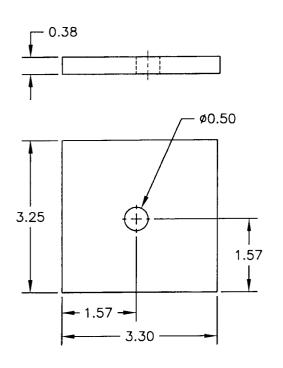
3) ALL DIMENSIONS ARE IN INCHES

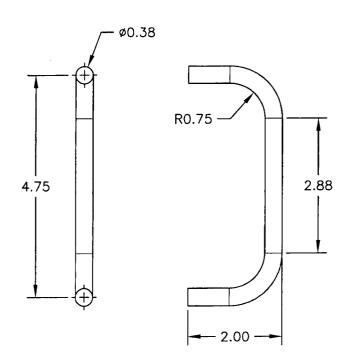
4) BREAK ALL SHARP EDGES 0.005 TO 0.010

WITHOUT NOTICE



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↑ D3330-9 TOP PLATE

#### **NOTES:**

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008, 0.375 STEEL

(REF. DART SPEC. M1010-B0.375x3.500)

SHOP COPY RETURN TO

2) MATERIAL: AISI 1018-1025 ROUND BAR PER MIL-S-7097

**ENGINEERING** 

(REF. DART SPEC. M1018-R0.375)

3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED UNCONTROLLED COPY SUBJECT TO AMENDMENT

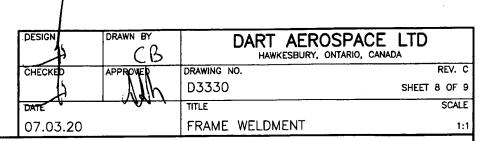
4) ALL DIMENSIONS ARE IN INCHES

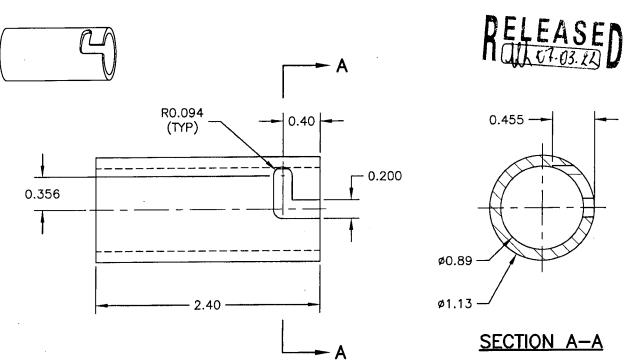
WITHOUT NOTICE

5) BREAK ALL SHARP EDGES 0.005 TO 0.010

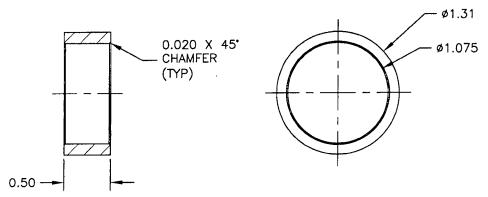
WORK ORDER







## D3330-17 HANDLE SOCKET



D3330-19 HANDLE RIM

1) MATERIAL: 1010-1025 ROUND BAR STEEL PER MILL-S-7097

(REF. DART SPEC. M1025TR)

SHOP COPY RETURN TO

ENGINEERING

UNCONTROLLED COPY

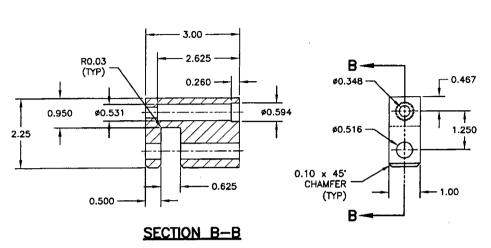
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED SUBJECT TO AMENDMENT WITHOUT NOTICE

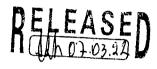
3) ALL DIMENSIONS ARE INCHES

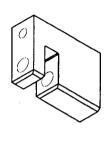
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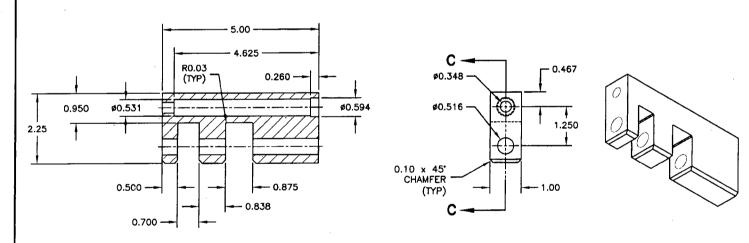
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D3330-13 SHORT PIN BRACKET



### SECTION C-C

#### D3330-11 LONG PIN BRACKET

NOTES:

SHOP COPY RETURN TO

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570, 1.000 THICK STEEDEERING (REF. DART SPEC. M1010-B1.000x02.250)

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

3) ALL DIMENSIONS ARE INCHES

4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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